

ABSTRACT OF THE DISCLOSURE

Disclosed is an apparatus and method of transmitting and receiving storage data for a digital mobile station, and more particularly a data transmitting and receiving apparatus and method capable of transmitting and receiving a large capacity of data using a short message service. According to the data transmitting method, stored data is read and encoded in a data transmission mode, and inherent distinction data transmission headers are generated according to the completion of the data encoding. the encoded data and the generated data transmission headers are formed into the user data of a short message service, and short message service blocks including the user data of the short message service are transmitted.